

Electro-Voice 1828T 30 Watt/70V Driver for CDP Projectors and Reentrant Horns/Weather Resistant

This listing is for 1828T Driver only. Use description below as a general reference.

The 1828T and 1828C are heavy-duty convertible drivers for use in medium power public address installations. The drivers have rugged phenolic diaphragms, 1.5 inch diameter voice coils, and "rim centered" ferrite magnet structures for long life and reliability under extreme operating conditions. The transformer model (1828T) includes connections for 70V/25V distributed systems and a power tap select panel. The exterior is finished in durable waterproof paint, and all metal parts have been treated for resistance to high humidity and fungus. Ideal for both indoor and outdoor applications, these drivers are well suited for any installation requiring rugged and reliable performance.

Architects' and Engineers' Specifications

The loudspeaker(s) shall be of the compression-driver type having a rugged phenolic diaphragm and a high-temperature rated one and one-half inch voice coil.

The loudspeaker(s) shall exhibit essentially flat power response from 400 to 3,000 Hz with a smoothly rolled-off response beyond. Their sensitivity, when mounted on a FC100 horn, will be 105 dB (1 W/1 M) with a 500 to 5,000 Hz pink noise signal applied.

The loudspeaker(s) will be capable of handling a 30 watt, 500 to 5,000 Hz pink noise signal with a 6 dB crest factor for a period of eight hours.

The 1828T shall have a height of 12.7 cm (5.0 in.), a width of 10.2 cm (4.0 in.), and a depth of 13.3 cm (5.2 in.).

The 1828C shall have a diameter of 8.31 cm (3.3 in.), and a height of 10.2 cm (4.0 in.). Both shall have a throat opening of 2.54 cm (1.0 in.) with a 1-3/8"-18 thread for mounting.

The loudspeakers are the 1828T which includes a 70V/25V line matching transformer (see Table 1) and weighs no more than 2.3 kg (5 lb), and the University Sound 1828C, which has a nominal impedance of 8 ohms and weighs no more than 2.2 kg (4.7 lb).